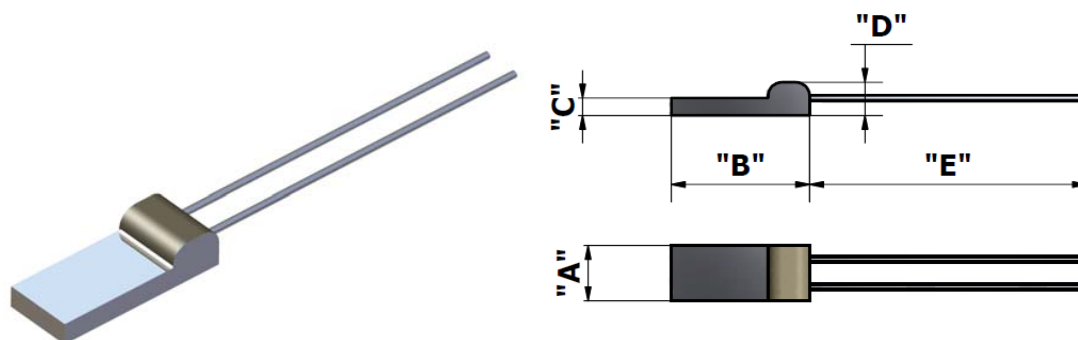




# Data sheet SENSING ELEMENT

ENGLISH

RS Stock No. 457-3596



WOUND PT1000Ω THERMIC ELEMENT

SONDE PLATE PT1000Ω

**RANGE :**

- 50°C / +600°C

**GAMME DE TEMPÉRATURE :**

- 50°C / +600°C

**USE :**

- Heating, air conditioning, test, energy, prototype...

**UTILISATION :**

- Chauffage, climatisation, contrôle, énergie, prototype...

**KEY POINT :**

- Primary sensitive element

**POINT FORT :**

- Élément sensible primaire

**SPECIFICATIONS:**

- PT1000Ω thermic element - B Class
- Platinum coat on substratum ceramic
- Platinum nickel wires

**CARACTÉRISTIQUES :**

- Sonde PT1000Ω Classe B
- Couche de platine sur substrat céramique
- Fils nickel platiné

**DIMENSIONS:**

- Probe length B = 5mm ±0.2
- Probe width A = 2m ±0.2
- Wires length E = 10mm ±1
- Wires diameter = 0.2 ±0.02
- Probe thickness C = 0.63mm ±0.1 & "D" = 1.2±0.3mm

**DIMENSIONS:**

- Longueur sonde "B" = 5mm ±0.2
- Largeur sonde "A" = 2m ±0.2
- Longueur fils "E" = 10mm ±1
- Diamètre fils = 0.2 ±0.02
- Épaisseur sonde "C" = 0.63mm ±0.1 & "D" = 1.2±0.3mm

**METROLOGICAL DATA :**

- As per IEC 751
- Standard tolerance PT1000 B class : ±0.30 + 0.005.[t°C]
- Timing =  
Water (v=0.4m/s): T0.5=0.25s ; T0.9=0.70s  
Air (v=1m/s): T0.5=5.5 ; T0.9=16s

**DONNÉES MÉTROLOGIQUES:**

- Conforme à la norme IEC 751
- Tolérance générales PT1000 classe B: ±0.30 + 0.005.[t°C]
- Temps de réponse =  
Eau (v=0.4m/s): T0.5=0.25s ; T0.9=0.70s  
Air (v=1m/s): T0.5=5.5 ; T0.9=16s

**Other dimensions:**

Precision	CLA	CLB	1/3DIN
Substrat length "B"			
5mm	457-3603	457-3596	-
10mm	-	-	293-8446